

# PM-7200 Series

**Gigabit and fast Ethernet modules for PT and IKS series switches**

## Specifications

### Gigabit Ethernet Interface Modules, PM-7200-2G/4G series



PM-7200-4GTXSFP



PM-7200-2GTXSFP

#### Interface

**RJ45 Ports:** 10/100/1000BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection

**Fiber Ports:** 1000BaseSFP slots

Note: The PM-7200-2G/4G series Gigabit Ethernet combo modules support 2 or 4 SFP slots. See page 1-69 to select the SFP-1G series Gigabit Ethernet modules for your application.

### Fast Ethernet Interface Modules, PM-7200 series



PM-7200-8TX

PM-7200-6MSC  
PM-7200-6SSC

PM-7200-6MST

PM-7200-4MSC2TX  
PM-7200-4SSC2TX

PM-7200-4MST2TX

PM-7200-2MSC4TX  
PM-7200-2SSC4TX

PM-7200-2MST4TX



PM-7200-1LSC6TX

PM-7200-2MSC  
PM-7200-2SSC

PM-7200-2MST

PM-7200-1MSC  
PM-7200-1SSC

PM-7200-1MST



PM-7200-1MST6TX

PM-7200-1MSC6TX  
PM-7200-1SSC6TX

COMING SOON

PM-7200-8PoE



PM-7200-8SFP\*



PM-7200-4M12

\* See page 1-69 to select SFP-1G/1FE series Gigabit Ethernet and fast Ethernet modules.

**Interface**

- RJ45 Ports:** 10/100BaseT(X) auto negotiation speed, F/H duplex mode, and auto MDI/MDI-X connection
- Fiber Ports:** 100BaseFX ports (SC/ST or SFP LC connector)
- PoE Ports:** IEEE 802.3af Power-over-Ethernet Technology, provide up to 15.4 watts per port
- M12 Ports:** 10/100BaseT(X) auto negotiation speed, and auto MDI/MDI-X connection

**Optical Fiber**

	100BaseFX		
	Multi-mode	Single-mode	Single-mode, 80 km
Wavelength	1300 nm	1310 nm	1550 nm
Max. TX	-10 dBm	0 dBm	0 dBm
Min. TX	-20 dBm	-5 dBm	-5 dBm
RX Sensitivity	-32 dBm	-34 dBm	-34 dBm
Link Budget	12 dB	29 dB	29 dB
Typical Distance	5 km a 4 km b	40 km c	80 km d
Saturation	-6 dBm	-3 dBm	-3 dBm

a. 50/125 µm, 800 MHz·km fiber optic cable

b. 62.5/125 µm, 500 MHz·km fiber optic cable

c. 9/125 µm single-mode fiber optic cable

d. 9/125 µm single-mode fiber optic cable (80 km)

**Ordering Information****Rackmount Ethernet Switch System and Interface Module Compatibility Chart**

	Interface Modules																									
	PM-7200-4GTXSFP	PM-7200-2GTXSFP	PM-7200-1MSC	PM-7200-1MST	PM-7200-2MISC	PM-7200-2MST	PM-7200-1SSC	PM-7200-2SSC	PM-7200-8IX	PM-7200-2WS4TX	PM-7200-2WS14TX	PM-7200-2SSC4TX	PM-7200-4NIS2TX	PM-7200-4NIS12TX	X12CTX	PM-7200-4SSC2TX	PM-7200-6MSC	PM-7200-6MST	PM-7200-6SSC	PM-7200-1MSC6TX	PM-7200-1MST6TX	PM-7200-1SSC6TX	PM-7200-1LSC6TX	PM-7200-8PoE	PM-7200-8SFP*	PM-7200-4M12
PT-7828	✓	✓	—	—	—	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓
PT-7728	✓	✓	—	—	—	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓
PT-7710	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓
IKS-6726	—	✓	—	—	—	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓
IKS-6726-PoE	—	✓	—	—	—	—	—	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
IKS-6324	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

\* If you are using an SFP-1FELL module, the operating temperature is limited to -40 to 75°C (-40 to 167°F).

**Gigabit Ethernet Modules for PT and IKS Series Rackmount Ethernet Switches, PM-7200-2G/4G Series**

Available Models	Port Interface	
	Combo Port, 10/100/1000BaseT(X) or 1000BaseSFP*	
PM-7200-2GTXSFP	2	
PM-7200-4GTXSFP	4	

\*The PM-7200-2G/4G series Gigabit Ethernet combo modules support 2 or 4 SFP slots.

## Fast Ethernet Modules for PT and IKS Series Rackmount Ethernet Switches, PM-7200 Series

Available Models	Port Interface								100BaseSFP	
	10/100BaseT(X)			100BaseFX						
	TP	PoE	M12	Multi-mode, SC Connector	Multi-mode, ST Connector	Single-mode, SC Connector	Single-mode, SC Connector, 80 km			
PM-7200-8TX	8	–	–	–	–	–	–	–	–	
PM-7200-6MSC	–	–	–	6	–	–	–	–	–	
PM-7200-6MST	–	–	–	–	6	–	–	–	–	
PM-7200-6SSC	–	–	–	–	–	6	–	–	–	
PM-7200-4MSC2TX	2	–	–	4	–	–	–	–	–	
PM-7200-4MST2TX	2	–	–	–	4	–	–	–	–	
PM-7200-4SSC2TX	2	–	–	–	–	4	–	–	–	
PM-7200-2MSC4TX	4	–	–	2	–	–	–	–	–	
PM-7200-2MST4TX	4	–	–	–	2	–	–	–	–	
PM-7200-2SSC4TX	4	–	–	–	–	2	–	–	–	
PM-7200-1LSC6TX	6	–	–	–	–	–	1	–	–	
PM-7200-2MSC	–	–	–	2	–	–	–	–	–	
PM-7200-2MST	–	–	–	–	2	–	–	–	–	
PM-7200-2SSC	–	–	–	–	–	2	–	–	–	
PM-7200-1MSC	–	–	–	1	–	–	–	–	–	
PM-7200-1MST	–	–	–	–	1	–	–	–	–	
PM-7200-1SSC	–	–	–	–	–	1	–	–	–	
PM-7200-1MSC6TX	6	–	–	1	–	–	–	–	–	
PM-7200-1MST6TX	6	–	–	–	1	–	–	–	–	
PM-7200-1SSC6TX	6	–	–	–	–	1	–	–	–	
PM-7200-8PoE	–	8	–	–	–	–	–	–	–	
PM-7200-8SFP	–	–	–	–	–	–	–	–	8	
PM-7200-4M12	–	–	4	–	–	–	–	–	–	